



Docket No.: 8733.869.00-US  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Young K. Lim et al.

Confirmation No.: N/A

Application No.: 10/661,515

Art Unit: N/A

Filed: September 15, 2003

Examiner: Not Yet Assigned

For: DEVICE AND METHOD FOR  
FABRICATING LIQUID CRYSTAL  
DISPLAY DEVICE

Customer No.: 30827

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as known to the undersigned.

A copy of each reference on PTO/SB/08 is attached.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0911, under Order No. 8733.869.00-US. A duplicate copy of this paper is enclosed.

Dated: December 16, 2003

Respectfully submitted,

By   
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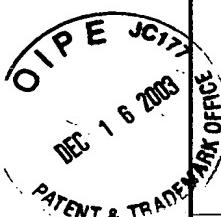


Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	10/661,515
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				First Named Inventor	Young K. Lim
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA		US-2001-0021000-A1	09-13-2001	Egami	
AB		US-4,094,058	06-13-1978	Yasutake et al.	
AC		US-4,691,995-A1	09-08-1987	Yamazaki et al.	
AD		US-5,875,922-B1	03-02-1999	Chastine et al.	
AE		US-6,304,311-B1	10-16-2001	Egami et al.	
AF		US-5,247,377-B1	09-21-1993	Omeis et al.	
AG		US-5,511,591	04-30-1996	Abe	
AH		US-5,642,214	06-24-1997	Ishii et al.	
AI		US-5,742,370	04-21-1998	Kim et al.	
AJ		US-6,011,609	01-04-2000	Kato et al.	
AK		US-6,016,178	01-18-2000	Kataoka et al.	
AL		US-6,055,035	04-25-2000	von Gutfeld et al.	
AM		US-6,163,357	12-19-2000	Nakamura	
AN		US-6,226,067-B1	05-01-2001	Nishiguchi et al.	
AO		US-6,304,306-B1	10-16-2001	Shiomi et al.	
AP		US-6,414,733-B1	07-02-2002	Ishikawa et al.	
AQ		US-3,978,580-A1	09-07-1976	Leupp et al.	
AR		US-4,653,864	03-31-1987	Baron et al.	
AS		US-4,775,225-A1	10-04-1988	Tsuboyama et al.	
AT		US-5,263,888	11-23-1993	Ishihara et al.	
AU		US-5,379,139-A1	01-03-1995	Sato et al.	
AV		US-5,406,989-A1	04-18-1995	Abe	
AW		US-5,499,128-A1	03-12-1996	Hasegawa et al.	
AX		US-5,507,323	04-16-1996	Abe	
AY		US-5,539,545	07-23-1996	Shimizu et al.	
AZ		US-5,548,429	08-20-1996	Tsujita	
AA1		US-5,680,189	10-21-1997	Shimizu et al.	
AB1		US-5,757,451	05-26-1998	Daisuke Miyazaki et al.	
AC1		US-5,852,484	12-22-1998	Kazuo Inoue et al.	
AD1		US-5,854,664	12-29-1998	Kazuo Inoue et al.	
AE1		US-5,861,932	01-19-1999	Masashi Inata et al.	
AF1		US-5,956,112	09-21-1999	Fujimori et al.	
AG1		US-6,001,203	12-14-1999	Yamada et al.	
AH1		US-6,016,181	01-18-2000	Shimada	
AI1		US-6,219,126-B1	04-17-2001	von Gutfeld	
AJ1		US-6,236,445-B1	05-22-2001	Foschaar et al.	
AK1		US-6,337,730-B1	01-08-2002	Ozaki et al.	
AL1		US-5,952,678	09-14-1999	Ashida	

Examiner Signature	Date Considered
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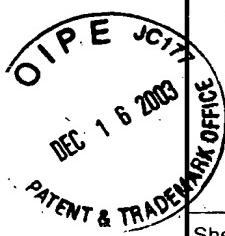


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				Examiner Name	Not Yet Assigned
Sheet	2	of	4	Attorney Docket Number	8733.869.00-US

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BA	JP-05-154923		06-22-1993	Fukuo et al.		
BB	KR-2000-035302-A1		06-26-2000	Yoshihiro		
BC	JP-06-235925		08-23-1994	Katsuya		
BD	JP-06-313870		11-08-1994	Fukuo et al.		
BE	JP-07-084268		03-31-1995	Hiroshi et al.		
BF	JP-08-101395		04-16-1996	Satoru et al.		
BG	JP-09-061829		03-07-1997	Satoru et al.		
BH	JP-10-177178		06-30-1998	Shinichi et al.		
BI	JP-10-333157		12-18-1998	Takayuki et al.		
BJ	JP-10-333159		12-18-1998	Takayuki et al.		
BK	JP-11-133438		05-21-1999	Shinichi et al.		
BL	JP-11-142864		05-28-1999	Takashi et al.		
BM	JP-11-248930		09-17-1999	Satoru et al.		
BN	JP-11-326922		11-26-1999	Yuji		
BO	JP-2000-002879		01-07-2000	Masaki		
BP	JP-2000-056311		02-25-2000	Satoru et al.		
BQ	JP-2000-066165		03-03-2000	Koji et al.		
BR	JP-2000-137235		05-16-2000	Norihiro et al.		
BS	JP-2000-147528		05-24-2000	Nobutaka et al.		
BT	JP-2000-193988		07-14-2000	Taijin et al.		
BU	JP-2000-241824		09-08-2000	Masanori et al.		
BV	JP-2000-284295		10-13-2000	Satoshi et al.		
BW	JP-2000-292799		10-20-2000	Yoshiteru et al.		
BX	JP-2000-310759		11-07-2000	Norihiro		
BY	JP-2000-310784		11-07-2000	Kazuo et al.		
BZ	JP-2000-338501		12-08-2000	Hideaki		
BA1	JP-2001-005401		01-12-2001	Kiyoshi et al.		
BB1	JP-2001-005405		01-12-2001	Satoshi et al.		
BC1	JP-2001-013506		01-19-2001	Seiji et al.		
BD1	JP-2001-033793		02-09-2001	Shinichiro et al.		
BE1	JP-2001-042341		02-16-2001	Masayuki et al.		
BF1	JP-2001-051284		02-23-2001	Norihiro		
BG1	JP-2001-066615		03-16-2001	Katsuki et al.		
BH1	JP-2001-091727		04-06-2001	Koji et al.		
BI1	JP-2001-117109		04-27-2001	Hideki et al.		
BJ1	JP-2001-133745		05-18-2001	Satoshi et al.		
BK1	JP-2001-133799		05-18-2001	Satoshi		
BL1	JP-2001-166272		06-22-2001	Kiyoshi et al.		
BM1	JP-2001-166310		06-22-2001	Takashi et al.		
BN1	JP-2001-183683		07-06-2001	Akinori et al.		
BO1	JP-2001-201750		10-04-2001	Kazuyuki et al.		
BP1	JP-2001-209052		08-03-2001	Hideaki		
BQ1	JP-2001-209060		08-03-2001	Yoshiro et al.		
BR1	JP-2001-215459		09-13-2001	Norihiro		
BS1	JP-2001-222017		08-17-2001	Kunihiro et al.		
BT1	JP-2001-235758		08-31-2001	Katsuki		

Examiner Signature	Date Considered
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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of

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**Complete if Known**

Application Number	10/661,515
Filing Date	September 15, 2003
First Named Inventor	Young K. Lim
Art Unit	N/A
Examiner Name	Not Yet Assigned

Attorney Docket Number 8733.869.00-US

BU1	JP-2001-272640	10-05-2001	Kuniaki		
BV1	JP-2001-281675	10-10-2001	Yutaka et al.		
BW1	JP-2001-281678	10-04-2001	Hiroyuki et al.		
BX1	JP-2001-282126	10-12-2001	Masayuki et al.		
BY1	JP-2001-305563	10-31-2001	Akira et al.		
BZ1	JP-2001-330837	11-30-2001	Kazufumi		
BA2	EP-1 003 066 A1-A1	05-24-2000	Egami et al.		
BB2	JP-2001-356353	12-26-2001	Satoshi et al.		
BC2	JP-51-065656	06-07-1976	Yoichi		
BD2	JP-59-057221	04-02-1984	Yoshio et al.		
BE2	JP-59-195222	11-06-1984	Osamu		
BF2	JP-60-111221	06-17-1985	Masanori et al.		
BG2	JP-57-038414-A1	03-03-1982	Naoaki et al.		
BH2	JP-57-088428-A1	06-02-1982	Tsutomu		
BI2	JP-58-027126-A1	02-17-1983	Takao		
BJ2	JP-60-164723-A1	08-27-1985	Tooru		
BK2	JP-60-217343-A1	10-30-1985	Kiyohiro		
BL2	JP-61-007822-A1	01-14-1986	Shinjirou		
BM2	JP-61-055625-A1	03-20-1986	Norio et al.		
BN2	JP-62-089025-A1	04-23-1987	Shinji et al.		
BO2	JP-62-090622-A1	04-25-1987	Akihiro et al.		
BP2	JP-62-205319-A1	09-09-1987	Akira et al.		
BQ2	JP-63-109413-A1	05-14-1988	Yoshiro		
BR2	JP-63-110425-A1	05-14-1988	Motoi		
BS2	JP-63-128315-A1	05-31-1988	Toshiyasu		
BT2	JP-63-311233-A1	12-20-1988	Yoko et al.		
BU2	JP-05-127179-A1	05-25-1993	Hiroshi		
BV2	JP-05-265011-A1	10-15-1993	Katsuki		
BW2	JP-05-281557-A1	10-29-1993	Hisao et al.		
BX2	JP-05-281562-A1	10-29-1993	Satoshi et al.		
BY2	JP-06-051256-A1	02-25-1994	Koji et al.		
BZ2	JP-06-148657-A1	05-27-1994	Yoshinori et al.		
BA3	JP-06-160871	06-07-1994	Yoshinori et al.		
BB3	JP-06-265915-A1	09-22-1994	Hirotada et al.		
BC3	JP-07-128674-A1	05-19-1995	Yoshiyuki et al.		
BD3	JP-07-181507-A1	07-21-1995	Teruhiko		
BE3	JP-08-095066-A1	04-12-1996	Kazuhiro et al.		
BF3	JP-08-106101-A1	04-23-1996	Yoshiro et al.		
BG3	JP-08-171094-A1	07-02-1996	Shinji et al.		
BH3	JP-08-190099-A1	07-23-1996	Yoshiro et al.		
BI3	JP-08-240807-A1	09-17-1996	Yoshiro et al.		
BJ3	JP-09-005762-A1	01-10-1997	Hiroyuki		
BK3	JP-09-026578-A1	01-28-1997	Kunihiro et al.		
BL3	JP-09-073075-A1	03-18-1997	Junji et al.		
BM3	JP-09-073096-A1	03-18-1997	Hideki et al.		
BN3	JP-09-127528-A1	05-16-1997	Kunihiro et al.		
BO3	JP-09-230357-A1	09-05-1997	Teruhiko		
BP3	JP-09-281511-A1	10-31-1997	Kunihiro et al.		
BQ3	JP-09-311340-A1	12-02-1997	Satoshi		
BR3	JP-10-123537-A1	05-15-1998	Norihiko et al.		

Examiner Signature	Date Considered
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Substitute for form 1449A/B/PTO

**Complete if Known**

Application Number	10/661,515			
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First Named Inventor	Young K. Lim			
Art Unit	N/A			
Examiner Name	Not Yet Assigned			
Sheet	4	of	4	
			Attorney Docket Number	8733.869.00-US

BS3	JP-10-123538-A1	05-15-1998	Hideki et al.	
BT3	JP-10-142616-A1	05-29-1998	Hideyuki et al.	
BU3	JP-10-221700-A1	08-21-1998	Kunihiro et al.	
BV3	JP-10-282512-A1	10-23-1998	Hideyuki	
BW3	JP-11-014953-A1	01-22-1999	Takahiro	
BX3	JP-11-038424-A1	02-12-1999	Kunihiro et al.	
BY3	JP-11-064811-A1	03-05-1999	Naoto	
BZ3	JP-11-109388-A1	04-23-1999	Yuzo et al.	
BA4	JP-11-174477-A1	07-02-1999	Katsuki et al.	
BB4	JP-11-212045-A1	08-06-1999	Shirou	
BC4	JP-11-344714-A1	12-14-1999	Masaaki et al.	
BD4	JP-2000-029035	01-28-2000	Naoya et al.	
BE4	JP-2001-117105	04-27-2001	Takeshi	
BF4	JP-2001-133794	05-18-2001	Kazuyuki	
BG4	JP-2001-142074	05-25-2001	Makiko et al.	
BH4	JP-2001-147437	05-29-2001	Makoto et al.	
BI4	JP-2001-154211	06-08-2001	Yuichiro et al.	
BJ4	JP-2001-255542	09-21-2001	Yuichi	
BK4	JP-2001-264782	09-26-2001	Nobumasa et al.	
BL4	JP-2001-330840-A1	11-30-2001	Hisaaki et al.	
BM4	JP-2001-356354-A1	12-26-2001	Hiroyuki et al.	
BN4	JP-2002-014360-A1	01-18-2002	Norihiko et al.	
BO4	JP-2002-023176-A1	01-23-2002	Koji	
BP4	JP-2002-049045-A1	02-15-2002	Takeshi	
BQ4	JP-2002-082340-A1	03-22-2002	Sadaichi et al.	
BR4	JP-2002-090759-A1	03-27-2002	Koji	
BS4	JP-2002-090760-A1	03-27-2002	Norihiko	
BT4	JP-2002-107740-A1	04-10-2002	Mitsuaki	
BU4	JP-2002-122872-A1	04-26-2002	Tetsuo et al.	
BV4	JP-2002-122873-A1	04-26-2002	Yasuo	
BW4	JP-2002-139734	05-17-2002	Hiroyuki et al.	
BX4	JP-2002-202512-A1	07-19-2002	Akimasa	
BY4	JP-2002-202514-A1	07-19-2002	Satoshi et al.	
BZ4	JP-2002-214626-A1	07-31-2002	Shinichi	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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